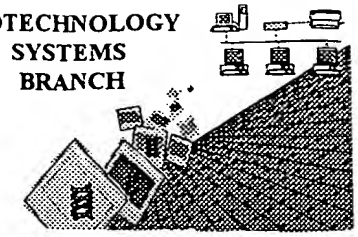
1642

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 09/492,764A
Source: 1642
Date Processed by STIC: 2/11/2002

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Revised 01/29/2002

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RAW SEQUENCE LISTING DATE: 02/11/2002
PATENT APPLICATION: US/09/492,764A TIME: 14:24:25

Input Set : A:\10873-008-999.txt
Output Set: N:\CRF3\02112002\I492764A.raw

PP 2.5

Does Not Comply
Corrected Diskette Needed

<110> APPLICANT: Jove, Richard
Dalton, WIlliam
Sebti, Said
Yu, Hua
Heller, Richard
Jaroszeski, Mark
Gilbert, Richard
Hamilton, Andrew

<120> TITLE OF INVENTION: INHIBITION OF STAT3 SIGNAL TRANSDUCTION FOR HUMAN CANCER THERAPY

<130> FILE REFERENCE: 10873-008-999

<140> CURRENT APPLICATION NUMBER: 09/492,764A

<141> CURRENT FILING DATE: 2000-01-27

<150> PRIOR APPLICATION NUMBER: 60/117,600

<151> PRIOR FILING DATE: 1999-01-27

<160> NUMBER OF SEQ ID NOS: 38

<170> SOFTWARE: PatentIn version 3.0

<210> SEQ ID NO: 1

<211> LENGTH: 24

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 1

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<210> SEQ ID NO: 2

<211> LENGTH: 24

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 2

agcttcattt cccgtaaatc ccta 24

<210> SEQ ID NO: 3

<211> LENGTH: 22

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 3

gtcccccggc cggggaggcg ct 22

<210> SEQ ID NO: 4

<211> LENGTH: 25

<212> TYPE: DNA

<213> ORGANISM: Homo sapiens

<400> SEQUENCE: 4

cgacgacttc tcccgccgct accgc 25

<210> SEQ ID NO: 5

<211> LENGTH: 25

<212> TYPE: DNA

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Input Set : A:\10873-008-999.txt
Output Set: N:\CRF3\02112002\I492764A.raw

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    112 <213> ORGANISM: Homo sapiens
    116 <400> SEQUENCE: 5
    117 ccgcatgctg gggccgtaca gttcc                                      25
    120 <210> SEQ ID NO: 6
    122 <211> LENGTH: 20
    124 <212> TYPE: DNA
    126 <213> ORGANISM: Homo sapiens
    130 <400> SEQUENCE: 6
    131 cgggcattca gtgacctgac                                            20
    134 <210> SEQ ID NO: 7
    136 <211> LENGTH: 20
    138 <212> TYPE: DNA
    140 <213> ORGANISM: Homo sapiens
    144 <400> SEQUENCE: 7
    145 tcaggaacca gcggttgaag                                            20
    148 <210> SEQ ID NO: 8
    150 <211> LENGTH: 20
    152 <212> TYPE: DNA
    154 <213> ORGANISM: Homo sapiens
    158 <400> SEQUENCE: 8
    159 ccactgaact tctgattcgc                                            20
    162 <210> SEQ ID NO: 9
    164 <211> LENGTH: 20
    166 <212> TYPE: DNA
    168 <213> ORGANISM: Homo sapiens
    172 <400> SEQUENCE: 9
    173 gcgtgctagc tggatgtctt                                            20
    176 <210> SEQ ID NO: 10
    178 <211> LENGTH: 9
    180 <212> TYPE: DNA
    182 <213> ORGANISM: Homo sapiens
    186 <400> SEQUENCE: 10
    187 ttcggagaa                                                        9
    190 <210> SEQ ID NO: 11
    192 <211> LENGTH: 9
    194 <212> TYPE: DNA
    196 <213> ORGANISM: Homo sapiens
    200 <400> SEQUENCE: 11
    201 tgaggataa                                                        9
    204 <210> SEQ ID NO: 12
    206 <211> LENGTH: 12
    208 <212> TYPE: PRT
    210 <213> ORGANISM: Homo sapiens
    214 <220> FEATURE:
    216 <221> NAME/KEY: misc_feature
    218 <223> OTHER INFORMATION: N= S OR P
    222 <400> SEQUENCE: 12
W--> 224 His Tyr Xaa Pro Ile Leu Val Tyr Gln Pro Ser Trp
    225 1               5                   10
```

Xaa "N" is used in nucleotide sequences.

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Input Set : A:\10873-008-999.txt
Output Set: N:\CRF3\02112002\I492764A.raw

227 <210> SEQ ID NO: 13
229 <211> LENGTH: 12
231 <212> TYPE: PRT
233 <213> ORGANISM: Homo sapiens
237 <400> SEQUENCE: 13
239 Gln Asp Val His Leu Thr Gln Gln Ser Arg Tyr Thr
240 1 5 10
242 <210> SEQ ID NO: 14
244 <211> LENGTH: 12
246 <212> TYPE: PRT
248 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 14
254 Ser His Pro Trp Asn Ala Gln Arg Glu Leu Ser Val
255 1 5 10
257 <210> SEQ ID NO: 15
259 <211> LENGTH: 12
261 <212> TYPE: PRT
263 <213> ORGANISM: Homo sapiens
267 <400> SEQUENCE: 15
269 Tyr Pro Ala Pro Gln Pro Leu Val Thr Lys Thr Ser
270 1 5 10
272 <210> SEQ ID NO: 16
274 <211> LENGTH: 12
276 <212> TYPE: PRT
278 <213> ORGANISM: Homo sapiens
282 <400> SEQUENCE: 16
284 Phe Ser Tyr Pro Leu Thr Arg Ala Pro Leu Asn Met
285 1 5 10
287 <210> SEQ ID NO: 17
289 <211> LENGTH: 7
291 <212> TYPE: PRT
293 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 17
299 His Ala Ile Tyr Pro Arg Asn
300 1 5
302 <210> SEQ ID NO: 18
304 <211> LENGTH: 7
306 <212> TYPE: PRT
308 <213> ORGANISM: Homo sapiens
312 <400> SEQUENCE: 18
314 Ala Ser Thr Leu Pro Lys Ala
315 1 5
317 <210> SEQ ID NO: 19
319 <211> LENGTH: 7
321 <212> TYPE: PRT
323 <213> ORGANISM: Homo sapiens
327 <400> SEQUENCE: 19
329 Ile Gln Ser Pro His Phe Phe
330 1 5

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Input Set : A:\10873-008-999.txt
Output Set: N:\CRF3\02112002\I492764A.raw

<210> SEQ ID NO: 20
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: X = PHOSPHOTYROSINE
<400> SEQUENCE: 20
Pro Xaa Leu Lys Thr Lys
1 5
<210> SEQ ID NO: 21
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 21
Pro Tyr Leu Lys Thr Lys
1 5
<210> SEQ ID NO: 22
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: X= PHOSPHOTYROSINE
<400> SEQUENCE: 22
Ala Xaa Leu Lys Thr Lys
1 5
<210> SEQ ID NO: 23
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: X = PHOSPHOTYROSINE
<400> SEQUENCE: 23
Pro Xaa Ala Lys Thr Lys
1 5
<210> SEQ ID NO: 24
<211> LENGTH: 6
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: misc_feature
<223> OTHER INFORMATION: X = PHOSPHOTYROSINE
<400> SEQUENCE: 24
Pro Xaa Leu Ala Thr Lys
1 5
<210> SEQ ID NO: 25
<211> LENGTH: 6

RAW SEQUENCE LISTING DATE: 02/11/2002
PATENT APPLICATION: US/09/492,764A TIME: 14:24:25

Input Set : A:\10873-008-999.txt
Output Set: N:\CRF3\02112002\I492764A.raw

```
443 <212> TYPE: PRT
445 <213> ORGANISM: Homo sapiens
449 <220> FEATURE:
451 <221> NAME/KEY: misc_feature
453 <223> OTHER INFORMATION: X = PHOSPHOTYROSINE
457 <400> SEQUENCE: 25
W--> 459 Pro Xaa Leu Lys Ala Lys
460 1               5
462 <210> SEQ ID NO: 26
464 <211> LENGTH: 6
466 <212> TYPE: PRT
468 <213> ORGANISM: Homo sapiens
472 <220> FEATURE:
474 <221> NAME/KEY: misc_feature
476 <223> OTHER INFORMATION: X = PHOSPHOTYROSINE
480 <400> SEQUENCE: 26
482 Pro Tyr Leu Lys Thr Ala
483 1               5
485 <210> SEQ ID NO: 27
487 <211> LENGTH: 4
489 <212> TYPE: PRT
491 <213> ORGANISM: Homo sapiens
495 <220> FEATURE:
497 <221> NAME/KEY: misc_feature
499 <223> OTHER INFORMATION: X = PHOSPHOTYROSINE
503 <400> SEQUENCE: 27
W--> 505 Pro Xaa Leu Lys
506 1
508 <210> SEQ ID NO: 28
510 <211> LENGTH: 4
512 <212> TYPE: PRT
514 <213> ORGANISM: Homo sapiens
518 <220> FEATURE:
520 <221> NAME/KEY: misc_feature
522 <223> OTHER INFORMATION: X = PHOSPHOTYROSINE
526 <400> SEQUENCE: 28
W--> 528 Pro Xaa Phe Lys
529 1
531 <210> SEQ ID NO: 29
533 <211> LENGTH: 3
535 <212> TYPE: PRT
537 <213> ORGANISM: Homo sapiens
541 <220> FEATURE:
543 <221> NAME/KEY: misc_feature
545 <223> OTHER INFORMATION: X = PHOSPHOTYROSINE
549 <400> SEQUENCE: 29
W--> 551 Xaa Leu Lys
552 1
554 <210> SEQ ID NO: 30
```

Xaa isn't shown in this sequence.

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 02/11/2002
PATENT APPLICATION: US/09/492,764A TIME: 14:24:26

Input Set : A:\10873-008-999.txt
Output Set: N:\CRF3\02112002\I492764A.raw

L:224 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:12
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:352 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:20
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:390 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:22
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:413 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:23
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:436 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:459 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:505 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:27
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:528 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:28
L:528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:551 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:29
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:574 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:30
L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:612 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:32
L:612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:650 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:34
L:650 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:673 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:35
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:696 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:36
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:719 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:37
L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:742 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38